

Remarks/Arguments

Claims 1-15 are pending. Claims 11-15 have been allowed. Claims 1-3, 5, 6 and 8-10 stand rejected. Claims 4 and 7 stand objected to. Claims 1 and 5 have been amended without prejudice herein.

Claim Objections

Applicant acknowledges the indication in the present Office action that while Claims 4 and 7 and 13 stand objected to as depending from a rejected base claim, these claims would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

35 U.S.C. §102(e) Rejections

Claims 1-3, 5, 6 and 8-10 stand rejected under 35 U.S.C. §102(e) as being anticipated by Wakatani (United States Patent No. 5,940,142). Applicant requests reconsideration and removal of these rejections for at least the following reasons.

A claim is anticipated pursuant to 35 U.S.C. 102 only if each and every element set forth in the claim is found, either expressly or inherently described, in a single prior art reference. See, *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987)). In other words, in order for a prior art reference to anticipate a claim, "the identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). And, each of the claim elements must be arranged as required by the claim. See, *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed. Cir. 1990). The Wakatani reference fails to teach each of the limitations recited in independent Claims 1 and 5. Hence, Wakatani fails to anticipate these claims as a matter of law.

For example, Claim 1 recites, in part:

organizing the sub-fields for a frame period being
characterized by the reciprocal value of the frame repetition
rate in two consecutive groups, and

adjusting the starting times of the two sub-field groups to a time raster corresponding to a doubling of the frame repetition rate by adding a first blanking period of a first dedicated length behind the last sub-field of the first sub-field group and a second blanking period of a second dedicated length behind the last sub-field of the second sub-field group,

wherein, the first and second blanking periods are distinct from the addressing and erasing periods of a sub-field.

Support for this claim may be found in Fig. 3 of the subject application, where two separate sub-field groups are labeled G1, G2, and two vertical field blanking periods (VFB1, VFB2) are shown. *See, also, specification, pg. 6, lines 10-31.*

The Office action argues the recited organizing step of Claim 1 is shown in Fig. 44 of Wakatani, where Sub 1a-Sub 8a is a first group, and Sub 1b-Sub 8b is a second group. Further, the Office action alleges that the recited adjusting step of Claim 1 is also shown, where there is purportedly “the blanking period of a first dedicated length, after Sub 8a of the first group”, and “the blanking period of a second dedicated length, after Sub 8b of the second group.” Applicant traverses these assertions.

Claim 1 calls for first and second groups of subfields, and additional blanking periods. Claim 1 further recites that the first and second blanking periods are distinct from the addressing and erasing periods of a sub field. In contrast, no additional blanking period may be seen in Fig. 44 of Wakatani after Sub 8A, as Sub 1B (sub-field group 4) follows Sub 8A (sub-field group 1) immediately. That is, Fig. 44 of Wakatani illustrates only that which the Office action designates as either a first group of subfields (Sub 1a-8a) or a second group of sub-fields (Sub 1b-8b). Wakatani provides no additional blanking periods.

Further, to the extent that the Office action takes the position that the first claimed blanking period behind the last sub-field of the first sub-field group, which is sub 8a, corresponds to either the erasing period or the writing period of the first sub-field, sub 1b, of the second sub-field group, Applicant traverses this assertion as well, as it represents a misinterpretation of Wakatani’s teachings.

Claim 1 calls for a blanking period behind the last sub-field of the first sub-field group and a blanking period behind the last sub-field of the second sub-field group. In Fig. 44 of Wakatani, each subfield is composed of addressing, sustaining and erasing periods. Accordingly, the sub-field organization shown in Fig. 44 of Wakatani does not show a further blanking period between sub-field Sub 8a and sub-field Sub 8b. With vertical lines, the borders of the sub-fields are exactly shown in the drawing Fig. 44 of Wakatani. These vertical lines make clear that the erasing period behind the sustaining period of sub-field Sub 8a belongs to the sub-field Sub 8a. Also it shows that the writing period of sub-field Sub 1b belongs to the sub-field Sub 1b and is not meant to be an extra blanking period.

For purposes of expediting prosecution of the subject application, Applicant has amended Claim 1 to clarify that "wherein the first and second blanking periods are distinct from the addressing and erasing periods of a sub-field".

Accordingly, Applicant requests reconsideration and removal of the rejection of Claim 1. Applicant also requests reconsideration and removal of the rejections of Claims 2 and 3 as well, at least by virtue of these claims' ultimate dependence from patentably distinct base Claim 1.

With regard to independent Claim 5, it analogously recites, in part:

the sub-field organization means further including blanking interval inserting means that insert a first blanking period of a first dedicated length behind the last sub-field of the first sub-field group and a second blanking period of a second dedicated length behind the last sub-field of the second sub-field group for adjusting the starting times of the two sub-field groups to a time raster corresponding to a doubling of the frame repetition rate, wherein the first and second blanking periods are distinct from the addressing and erasing period of a sub-field. (emphasis added).

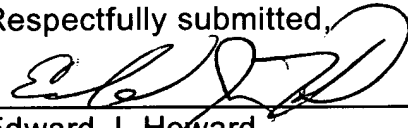
Accordingly, Applicant requests reconsideration and removal of the rejection of Claim 5 for at least the reasons discussed above with respect to independent Claim 1. Applicant also requests reconsideration and removal of the rejections of Claims 6 and 8-10, at least by virtue of these claims' ultimate dependence from patentably distinct base Claim 5.

CONCLUSION

Applicant believes he has addressed all outstanding grounds raised by the Examiner and respectfully submits the present case is in condition for allowance, early notification of which is earnestly solicited.

Should there be any questions or outstanding matters, the Examiner is cordially invited and requested to contact Applicant's undersigned attorney at his number listed below.

Respectfully submitted,



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